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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/577,608	05/25/2000	Eigo Kawakami	862.C1917	6496	
5514	7590 04/20/2005		EXAM	EXAMINER	
FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA			CHURCH,	CHURCH, CRAIG E	
NEW YORK,	<del></del>		ART UNIT	PAPER NUMBER	
,			2882	<del></del>	
		DATE MAILED: 04/20/2005			

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  Status  1) Responsive to communication(s) filed on 28 January 2005.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.		Application No.	Applicant(s)				
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Attachment(s)							
1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)							
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date.	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	nte				
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)  6) Other:							

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-7, 9, 10, 12-20, 22, 24, 25 and 27-31 are rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for substituting nitrogen and helium in an x-ray lithography exposure chamber, does not reasonably provide enablement for any gases in any environment as claimed. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to practice the invention commensurate in scope with these claims. As an example, corrosive gas such as nitrous oxide would easily damage the recited static pressure bearing. The specification (lines 1-10 of page 8) states that the invention is directed to x-ray lithography, and it is recommended that the scope of the claims be so limited.

Claims 1-7, 9, 10, 12-20, 22, 24, 25 and 27-31 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, set forth in this Office action.

Applicant's arguments filed January 28, 2005 have been fully considered but they are not persuasive. While being enabling for substituting nitrogen and helium in a static bearing in an x-ray lithography exposure chamber, the disclosure does not reasonably provide enablement for any gases in any environment as claimed. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to practice the invention commensurate in scope with these claims. As an example, corrosive gas such as nitrous oxide would easily damage the recited static pressure bearing. The specification (lines 1-10 of page 8) states that the invention is directed to x-ray lithography, and it is recommended that the scope of the

claims be so limited by positively reciting an x-ray source and x-ray optical means for projecting an x-ray pattern on a semiconductor wafer.

Applicant's position that the invention could comprise an F laser is pretty shaky since neither x-ray source nor F laser is claimed.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Craig E. Church at telephone number (571) 272-2488.

Craig E. Church Senior Examiner Art Unit 2882

Crong & Church